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JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

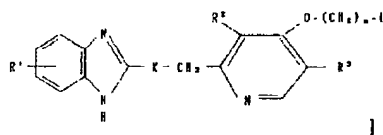
(11) Publication number: **03048680 A**(43) Date of publication of application: **01.03.91**

(51) Int. Cl.

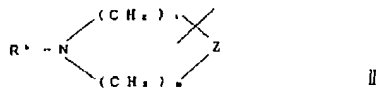
**C07D401/12**  
**A61K 31/44**
(21) Application number: **01186331**(22) Date of filing: **18.07.89**(71) Applicant: **YOSHITOMI PHARMACEUT IND LTD**
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(54) **ANTIMICROBIAL AGENT**

(57) Abstract:

PURPOSE: To obtain an antimicrobial agent containing a compound such as 2-[3-methyl-4-(1-methyl-2-piperidyl)methoxy-2-pyridyl]methylthio-1H-benzimidazole as an active ingredient and effective against a bacterium belonging to the genus *Campylobacter*.



CONSTITUTION: The antimicrobial agent containing a compound expressed by formula I [ $R^1$  is H, halogen, alkyl, alkoxy, etc.; X is S, SO or  $SO_2$ ;  $R^2$  and  $R^3$  are H, halogen or alkyl; (n) is 0 or 1-8; L is  $N(R^4)R^5$  ( $R^4$  and  $R^5$  are H, alkyl, phenyl, aralkyl, etc., or  $R^4$  and  $R^5$  form heterocycle together with adjacent N), formula II ( $R^6$  is H, alkyl, etc.; Z is methylene, O or S; (l) and (m) are 0-3, etc.) or pharmaceutically permeable salt thereof. The antimicrobial agent is especially effective against a bacterium belonging to the genus *Campylobacter* which is a gram-negative and slightly aerobic bacterium.



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